Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Sunday 17 Oct 2021 until 23:59 on Monday 18 Oct 2021

Forecast Issued on Sunday 17 Oct 2021 at 04:19

Confidence: High for a series of Atlantic weather fronts crossing the area, but confidence lowering for the detail of timing and extent of worst conditions.

Headline for Sunday 17 Oct 2021: Rather cloudy and wet, the rain very gradually easing later.

Mountain weather hazards on Sunday 17 Oct 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Light rain	Light rain	Light rain	Drizzle	Drizzle
Precipitation probability					
90%	80%	80%	60%	40%	30%

Forecast for Sunday 17 Oct 2021

Weather: Dull and overcast, with periods of rain, particularly across western ranges. Very gradually becoming drier as the day progresses, although probably remaining rather cloudy and damp into the evening.

Chance of cloud free mountain/hill tops above 600m: Near nil.

Visibility: Moderate or poor in rain, very poor in hill fog which will be focused across the west, with bases from 450-600m extensive in west, broken in east, becoming late afternoon broken in west, scattered in east.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Sunday 17 Oct 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/24 S	17/22 S	17/25 SW	15/22 SW	12/18 SW	11/17 SW	10/15 SW
300	8/21 S	7/17 SW	10/20 SW	9/18 SW	6/15 SW	6/14 SW	5/12 SW
Valley	7/21 S	7/18 S	9/20 SW	7/17 SW	6/14 SW	6/13 SW	5/12 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/4	9/6	10/7	11/8	11/8	11/9	11/9
300	10/8	11/9	12/10	12/11	12/11	12/11	12/11
Valley	11/10	12/10	12/11	13/12	13/13	13/13	13/12
Freezing Level*	2800m	2500m	2400m	2300m	2300m	2300m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Wind at height particularly hazardous given very poor visibilities likely to be experienced.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sun 17 Oct 2021	2mm	2mm	6.8mm

Forecast for Monday 18 Oct 2021

Weather: Rather cloudy with scattered showers, the bulk of these across western ranges. Larger area of occasionally heavy rain crossing from the west late afternoon and through the evening.

Maximum wind: Southerly increasing 20mph gusts 30mph from early evening.

Chance of cloud free mountain/hill tops above 600m: 60% becoming virtually nil from late afternoon.

Visibility: Good or very good becoming moderate or poor in showers and later longer periods of rain, also very poor in hill fog which will be focused across the west, particularly later in the day as bases become broken to extensive from 450-600m.

Temperature: **Valleys:** Plus 7 Celsius increasing 17 Celsius during the afternoon
At 600m: Plus 10 Celsius
Freezing level: Above all summits

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